

I claim:

1. A lightweight, portable and collapsible cot, comprising:
a flexible planar surface layer; and
leg members for both cross-bracing and supporting the planar surface layer over a
5 ground surface, the leg members being moveable between an assembled position and a
folded position, where the assembled position fully supports weighted objects being
placed on the planar surface layer, and the folded position has the cot in a collapsed
position allowing the cot to become portable and easy to carry.
- 10 2. The cot of claim 1, wherein the leg members include:
a first set of rods pivotably attached to one another for supporting a left side end
of the cot that are moveable between a substantially crossed position while the cot is in
the assembled position to a substantially parallel position while the cot is in a folded
position; and
15 a second set of rods pivotably attached to one another for supporting a right side
end of the cot opposite the left side end, that are moveable between a substantially
crossed position while the cot is in the assembled position to a substantially parallel
position while the cot is in the folded position.
- 20 3. The cot of claim 2, wherein the leg members further include:
a middle set of rods for supporting a mid-portion of the cot located substantially
midway between the left side end and the right side end, that are moveable between a
substantially crossed position while the cot is in the assembled position to a substantially
parallel position while the cot is in a folded position

4. The cot of claim 2, wherein the leg members further include:

vertical leg portions extending downward from each of the corners of the planar surface layer having an upper end that remains attached to each of the corners of the planar surface layer, and a bottom end which engages a corner footer when the cot is in the assembled position, and the bottom end disengages the corner footer when the cot is in the folded position.

5. The cot of claim 4, further comprising:

bendable-snapable members for connecting the bottom ends of the vertical leg portions to the corner footers.

6. The cot of claim 5, wherein each of the bendable-snapable members include:

a longitudinal clip having one end fixably attached to a portion of each of the vertical leg portions above the bottom end of the vertical leg portions, the clip having an opposite end with a protruding pin for mateably engaging an opening in the corner footer for locking the cot in the assembled position, the pin end of the clip being bendable away from the corner footer for allowing the cot to be folded.

7. The cot of claim 1, wherein the leg members include:

a front pair of rods pivotably attached to one another for supporting a front side of the cot that are moveable between a substantially crossed position while the cot is in the assembled position to a substantially parallel position when the cot is in a folded position; and

a rear pair of rods pivotably attached to one another for supporting a rear side of the cot opposite the front side, that are moveable between a substantially crossed position while the cot is in the assembled position to a substantially parallel position when the cot is in the folded position

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8. The cot of claim 7, wherein the front pair of rods and the rear pair of rods each include: two sets of pairs of the pivotable rods adjacent to one another that are moveable between substantially crossed positions while the cot is in the assembled position to the substantially parallel positions when the cot is in the folded position.

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9. The cot of claim 8, wherein the leg members further include:

vertical leg portions extending downward from each of the corners of the planar surface layer having an upper end that remains attached to each of the corners of the planar surface layer, and a bottom end which engages a corner footer when the cot is in the assembled position, and the bottom end disengages the corner footer when the cot is in the folded position.

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10. The cot of claim 9, further comprising:

bendable-snapable members for connecting the bottom ends of the vertical leg portions to the corner footers.

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11. The cot of claim 10, wherein each of the bendable-snapable members include:

a longitudinal clip having one end fixably attached to a portion of each of the vertical leg portions above the bottom end of the vertical leg portions, the clip having an

opposite end with a protruding pin for mateably engaging an opening in the corner footer for locking the cot in the assembled position, the pin end of the clip being bendable away from the corner footer for allowing the cot to be folded.

5 12. The cot of claim 1, further comprising:

first straps along perimeter edges attached underneath the surface layer for enhancing strength of the surface layer to support the weighted object thereon.

13. The cot of claim 12, first comprising:

10 second straps in a crossed pattern attached underneath the surface layer between the first straps attached to the perimeter edges.

14. The cot of claim 1, further comprising:

flexible side walls attached to and extending upward from at least one perimeter
15 edge from the surface layer.

15. The cot of claim 14, wherein the side walls further include:

a left side wall attached to and extending upward from a left side perimeter edge of the surface layer;

20 a right side wall attached to and extending upward from a right side perimeter edge of the surface layer, opposite the left side wall; and

a rear side wall attached to and extending upward from a rear side perimeter edge of the surface layer located between the left side wall and the right side wall, wherein the

left side wall, the right side wall, and the rear side wall keep the object on the surface layer from falling off the left, the right and rear side perimeter edges of the cot.

16. The cot of claim 1, further comprising:

5 a removable canopy having ends attached to the corner edges of the cot. 17. The cot of claim 16, further comprising:

a first upside down U-shaped support attached to and extending upward from one side of the cot; and

a second upside down U-shaped support attached to and extending upward from
10 another side of the cot opposite the one side, wherein the first U-shaped support and the second U-shaped support hold the canopy in a fixed position above the cot.

18. The cot of claim 15, further comprising: a removable hutch-like compartment having ends attached to the sidewalls of the cot.

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19. The cot of claim 18, further comprising:

a first upside down U-shaped support attached to and extending upward from one side of the cot; and

a second upside down U-shaped support attached to and extending upward from
20 another side of the cot opposite the one side, where in the first U-shaped support and the second U-shaped support are connected by a strap to stabilize and hold the hutch-like compartment in a fixed position above the cot.

20. The cot of claim 18, wherein the strap connecting the first U-shaped support and the second U-shaped support is positioned to support the top mid-section of the hutch-like compartment.
- 5 21. The cot of claim 18, further comprising:
a means for fastening the sidewalls to the hutch-like compartment smoothly and securely.
22. The cot of claim 21 wherein the hutch-like compartment is removably attached to
10 the left sidewall, right sidewall and rear sidewall.
23. The cot of claim 18, wherein the hutch-like compartment further includes:
lightweight, flexible closely woven fabric for at least one side and openly woven material for at least one side of the enclosure having a total of five sides.
- 15 24. The cot of claim 23, wherein the hutch-like compartment further includes a front cover of openly woven material that is closed with zippers and fasteners to the left and right sidewalls to keep an occupant securely enclosed.
- 20 25. The cot of claim 23, wherein the front cover of openly woven material is rolled vertically upward and held in an open, rolled position with fasteners to facilitate access to the interior of the hutch-like compartment.
26. The cot of claim 15 wherein the surface layer is used as a stair step.

27. The cot of claim 15 wherein the surface layer is used as a platform to assist individuals reach higher elevations.

5 28. The cot of claim 1, further comprising:
a length of the assembled cot being approximately 46 inches long and a width of the assembled cot being approximately 24 inches wide.

29. The cot of claim 1, further comprising:
10 an overall weight of up to approximately 15 pounds.

30. The cot of claim 1, further comprising:
a carrying bag having dimensions of up to approximately 30 inches by approximately 8 inches by approximately 8 inches for carrying a folded up version of the
15 cot inside the bag.